



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/922,006	08/03/2001	Azzedine Touzni	1043.002

CONFIRMATION NO. 6899

## FORMALITIES LETTER



\*OC000000006536269\*

Steve Mendelsohn  
Mendelsohn & Associates, P.C.  
Suite 715  
1515 Market Street  
Philadelphia, PA 19102

Date Mailed: 09/10/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

01/22/2002 MWOLDER1 00000181 09922006

FILED UNDER 37 CFR 1.53(b)

01 FC:201	370.00 OP
02 FC:202	42.00 OP
03 FC:203	198.00 OP
04 FC:205	65.00 OP

## Filing Date Granted

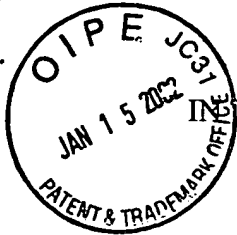
An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 355 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$238.
  - \$198 for 22 total claims over 20.
  - \$40 for 1 independent claims over 3.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 658.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re: Attorney Docket No. 1043.002

In re application of: Azzedine Touzni, Raúl A. Casas, Thomas J. Endres, Stephen L. Biracree, Christopher H. Strolle, and Samir N. Hulyalkar

Serial No.: 09/922,006

Group No.: 2631

Filed: 08/03/01

Examiner: Not Yet Assigned

For: Carrier Phase Estimation Based On Single-Axis Constant Modulus Cost Criterion

**RESPONSE TO NOTICE TO FILE MISSING  
PARTS OF NONPROVISIONAL APPLICATION  
FILING DATE GRANTED**

Attn: Box Missing Parts  
Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the "Notice to File Missing Parts of Nonprovisional Application," mailed from the U.S. Patent and Trademark Office on 09/10/01, the following are submitted herewith and form a part of this response:

1. A check in the amount of \$770.00 as payment of the statutory basic filing fee (\$370), the additional claim fees (\$240.00), the surcharge (\$65.00), the one-month extension fee (\$55.00) and (\$40.00) as payment of the statutory assignment filing fee;
2. A copy of the Notice to File Missing Parts of Nonprovisional Application;

\* \* \* \* \*

Certification Under 37 CFR 1.8

Date of Deposit November 28, 2001.

I hereby certify that this paper or fee is being deposited with the United States Postal Service with sufficient postage as first class mail under 37 CFR 1.8 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Mary E. Caniz  
(Name of person mailing)

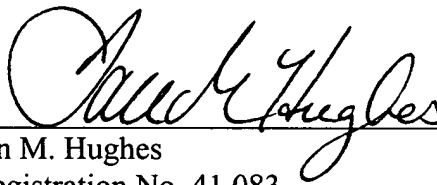
Mary E. Caniz  
(Signature of person mailing)

3. Combined Declaration and Power of Attorney Executed by Azzedine Touzni, Raúl A. Casas, Stephen L. Biracree, Christopher H. Strolle and Samir N. Hulyalkar;
4. Combined Declaration and Power of Attorney Executed by Thomas J. Endres;
5. Recordation Form Cover Sheet;
6. Assignment Executed by Azzedine Touzni, Raúl A. Casas, Stephen L. Biracree, Christopher H. Strolle and Samir N. Hulyalkar; and
7. Assignment Executed by Thomas J. Endres.

The Commissioner is hereby authorized to charge payment of any additional fees required under 37 CFR §§ 1.16 and 1.17 which are associated with this communication or credit any overpayment to Deposit Account No. 50-0782 in the name of Mendelsohn & Associates, P.C. Two copies of this document is enclosed.

Respectfully submitted,

Date: November 28, 2001  
Customer No. 22186  
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